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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rusi P. Taleyarkhan, et. al.

SERIAL NO.: 10/692,755
CONFIRMATION NO.: 8847

FILED: 10/27/2003

TITLE: **Methods and Apparatus to Induce D-D and D-T Reactions**

ART UNIT: 3641

EXAMINER: Palabrica, Ricardo J.

DOE DOCKET NO.: S-96,722

CUSTOMER NO.: 31974

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PATENT TRADEMARK OFFICE

Response to Restriction Requirement

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In a Restriction Requirement dated June 21, 2005, the Examiner restricted the application to a group and, within the selected group, a number of species. Applicants hereby elects Invention II (claims 22-33) and, within that Invention, species G (D-T reaction) and I (acoustical wave source). This election is made with traverse. Applicants contend that the generic claim is patentable, and therefore all the species are patentable thereunder in the same patent.

Applicants respectfully submit that claims 22, 24, 25, and 28-33 are generic, reading on each and every elected species set forth in the Restriction Requirement, including the elected species. Applicants further submit that: claim 23 is readable on the elected species of a D-T reaction; and claim 27 is readable on the elected species of an acoustical wave source.

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Applicants hereby requests further examination of the subject application in view of the amendments and remarks presented herein.

Respectfully submitted,

A handwritten signature in black ink, reading "Esther L. Roberts". The signature is written in a cursive style with a large, stylized 'E' and 'R'.

Esther L. Roberts
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Dated: July 7, 2005